



www.elsevier.com/locate/ccr

Contents

Foreword	1
Interview with Professor Usón: Celebration of Inorganic Lives L.A. Oro	3
Bonding and stereochemistry of three-coordinated transition metal compounds S. Alvarez	13
Advances in the chemistry of bis-cyclopentadienyl hydride derivatives of niobium and tantalum A. Antiñolo, F. Carrillo-Hermosilla, M. Fajardo, J. Fernández-Baeza, S. García-Yuste and A. Otero	43
Homogeneous catalysis with transition metal complexes containing sulfur ligands J.C. Bayón, C. Claver and A.M. Masdeu-Bultó	73
Indenyl complexes of Group 8 metals V. Cadierno, J. Díez, M.P. Gamasa, J. Gimeno and E. Lastra	147
The chemistry of group 10 metalacycles J. Cámpora, P. Palma and E. Carmona	207
Structural aspects of the coordination chemistry of organothallium(III) and organomercury(II) derivatives J.S. Casas, M.S. García-Tasende and J. Sordo	283
Magnetic clusters from polyoxometalate complexes J.M. Clemente-Juan and E. Coronado	361
Organometallic dendrimers with transition metals I. Cuadrado, M. Morán, C.M. Casado, B. Alonso and J. Losada	395
Transition metal complexes with functionalized silyl-substituted cyclopentadienyl and related ligands: synthesis and reactivity T. Cuenca and P. Royo	447

The table of contents of *Coordination Chemistry Reviews* is included in ESTOC – Elsevier Science Tables of Contents service — which can be accessed on the World Wide Web at the following URLS: http://www.elsevier.nl/locate/estoc or http://www.elsevier.com/locate/estoc

The publisher encourages the submission of articles in electronic form thus saving time and avoiding rekeying errors. Please refer to the online version of the Guide for Authors at http://www.elsevier.com/locate/ccr

Phosphine-pyridyl and related ligands in synthesis and catalysis P. Espinet and K. Soulantica	499
Iridium and rhodium complexes with tetrafluorobenzobarrelene diolefins	
M.A. Esteruelas and L.A. Oro	557
Anionic iron clusters as building blocks for the synthesis of higher nuclearity compounds containing 11- and 12-group elements M. Ferrer, R. Reina, O. Rossell and M. Seco	619
Phosphine-carbon disulfide adducts, S ₂ CPR ₃ : versatile ligands in coordination chemistry	017
A. Galindo, D. Miguel and J. Perez	643
Electrochemical synthesis of metallic complexes of bidentate thiolates containing nitrogen as an additional donor atom	
J.A. García-Vázquez, J. Romero and A. Sousa	691
Compounds of chromium(VI) as ligands P. Gili and P.A. Lorenzo-Luis	747
Coordination chemistry of oxazoline ligands M. Gómez, G. Muller and M. Rocamora	769
Coordination chemistry of gold(II) complexes	
A. Laguna and M. Laguna	837
Coordinating ability of ligands derived from phenylenediamines A. Mederos, S. Domínguez, R. Hernández-Molina, J. Sanchiz and F. Brito	857
Coordinating ability of phenylenediamines A. Mederos, S. Domínguez, R. Hernández-Molina, J. Sanchiz and F. Brito	913
Controlling the molecular architecture of low nuclearity rhodium and iridium complexes using bridging N-C-X (X = N, O, S) ligands L.A. Oro, M.A. Ciriano, J.J. Pérez-Torrente and B.E. Villarroya	941
Ruthenium and osmium vinylidene complexes and some related compounds M.C. Puerta and P. Valerga	977
Polynuclear Ni ¹¹ and Mn ¹¹ azido bridging complexes. Structural trends and magnetic behavior J. Ribas, A. Escuer, M. Monfort, R. Vicente, R. Cortés, L. Lezama and T. Rojo	1027
Coordination chemistry of N,N' -bis(coordinating group substituted) oxamides: a rational design of nuclearity tailored polynuclear complexes	1060
R. Ruiz, J. Faus, F. Lloret, M. Julve and Y. Journaux	1069
Metal complexes of [1,2,4]triazolo-[1,5-a]pyrimidine derivatives J.M. Salas, M. Angustias Romero, M. Purificación Sánchez and M. Quirós	1119
The 'acac method' for the synthesis of coordination and organometallic compounds: synthesis of gold complexes	
J. Vicente and M.T. Chicote	1143
Author index	1163

